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Serial No. 10/736,922  
60246-223; 10692IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wei  
Serial No.: 10/736,922  
Filed: December 16, 2003  
Group Art Unit: 1753  
Examiner: Mayekar, Kishor  
Title: BIFUNCTIONAL LAYERED  
PHOTOCATALYST/THERMOCATALYST FOR IMPROVING  
INDOOR AIR QUALITY

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

REQUEST FOR RECONSIDERATION

Dear Sir:

This paper is responsive to the final Office Action mailed on 14 May 2007. Please reconsider the rejections in view of the following remarks.

REMARKS

Claims 1-14, 17, 18, and 20-47 are pending in the application.

Claim 47 was rejected under 35 U.S.C. §112, first paragraph, as failing to comply with the written description requirement. The examiner argues that the subject matter of claim 47 comprises new matter that has no support in the specification as originally filed. Respectfully, applicant disagrees because Figures 7-10 of the application suggest multiple honeycombs or substrates, and Figure 5 and paragraph 63 of the application suggest the structure recited in claim 47. Therefore, the subject part of claim 47 is not new matter. Furthermore, the rejection fails to even identify any specific limitation within claim 47 that is not disclosed in the specification as originally filed. For these reasons, the rejection is improper and should be withdrawn.

Claim 47 was rejected under 35 U.S.C. §112, second paragraph, as being indefinite. The test for indefiniteness is whether the claim defines the patentable subject matter with a reasonable